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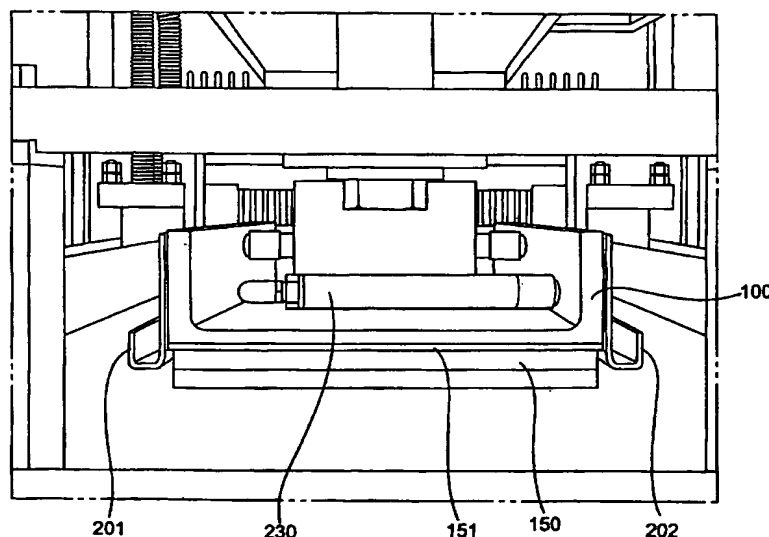
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[Continued on next page]

(54) Title: SYSTEM FOR REPLACEMENT OF SHEET ABRASIVE



(57) Abstract: A system for replacement of abrasive (152) in machinery which uses the abrasive to finish the surfaces of workpieces that pass through the machinery on a belt, such as so-called widebelt sanders. One preferred embodiment of the system employs an abrasive material (152) that is frictionally held on each edge to mounts (210, 220). The position of the mounts may be varied to increase or decrease the tension of abrasive material against the working surface of the platen (100), that the assembly may be removed from the apparatus. In another embodiment, the abrasive material is formed with integral, permanent mounts (320) on the edges of the abrasive material, so that the entire combination may be supplied or replaced as a unit. A variety of configurations of mounts may be used.

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## A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 451/168, 169, 166, 164, 162, 499, 502, 520, 522, 356, 351

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2,492,372 A (SMITH) 27 DECEMBER 1949 (27.12.1949), See the entire document.	1-2,4,6-7,12-13,15-16,21,24-28,33,35-36
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Y		5,11,22,32
A	US 6,001,004 A (BOTTEGHI) 14 DECEMBER 1999 (14.12.1999)	1, 21, 26
A	US 932,879 A (MAY) 31 AUGUST 1909 (31.08.1909)	1, 21, 26
A	US 1,656,981 A (LEWIS) 24 JANUARY 1928 (24.01.1928)	1, 21, 26
A	US 5,649,855 A (CHIKAKI) 22 JULY 1997 (22.07.1997)	13, 28
A	US 6,612,914 B2 (GURUSAMY ET AL) 02 SEPTEMBER 2003 (02.09.2003)	1, 21, 26

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☐ See patent family annex.

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